

Fig. 1

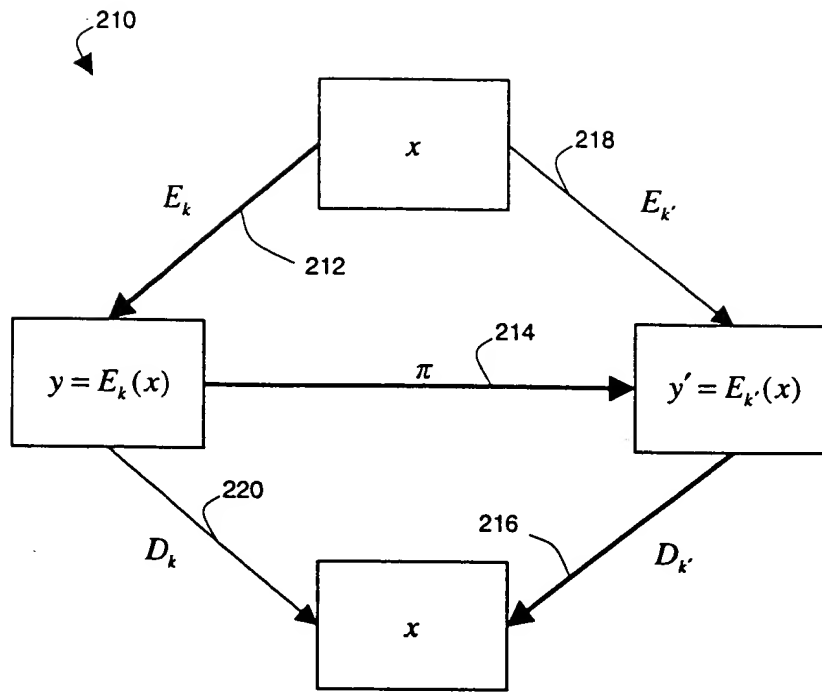


Fig. 2

657227 4/29/69

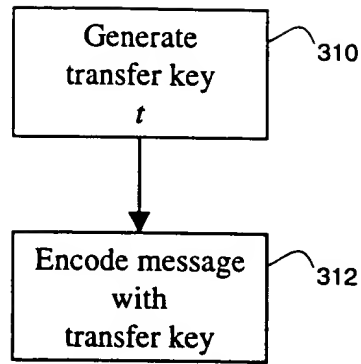


Fig. 3

Patent 4,494,650

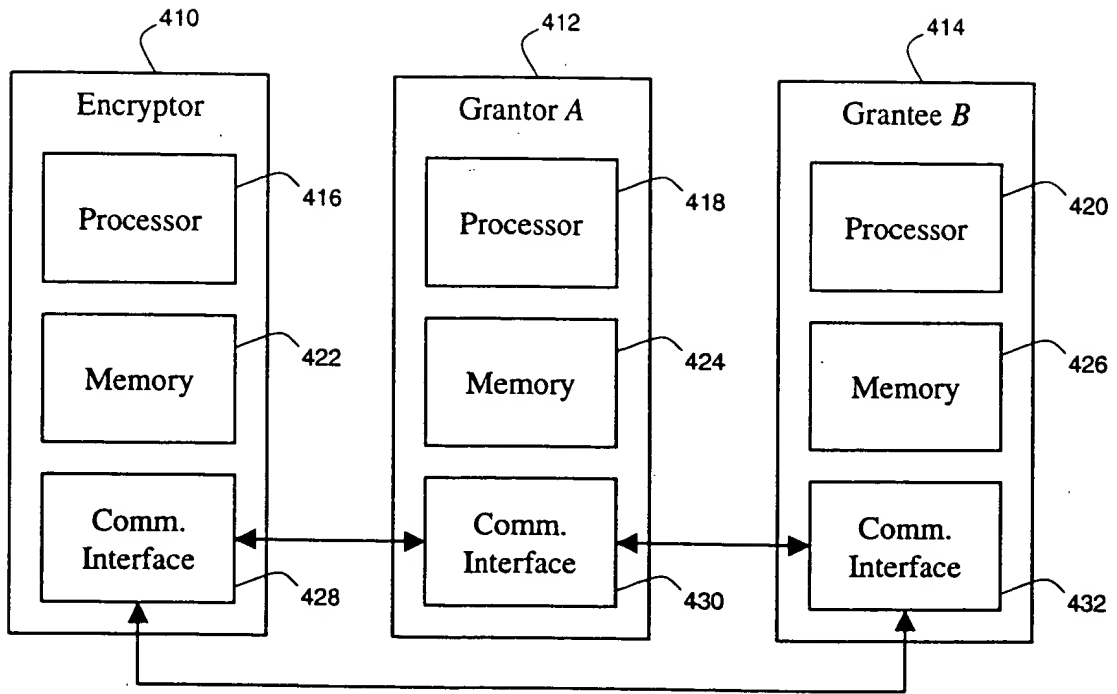


Fig. 4

5572227 44/232450

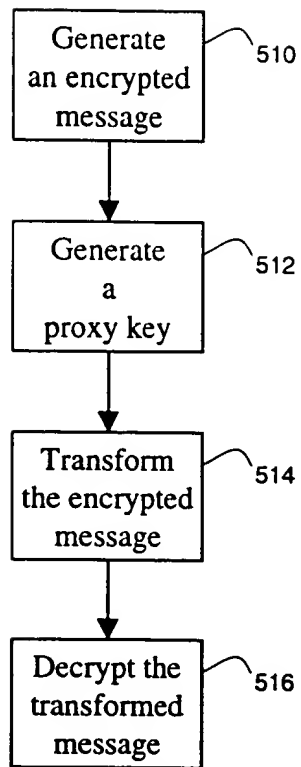


Fig. 5

610 612 614 616 618 620

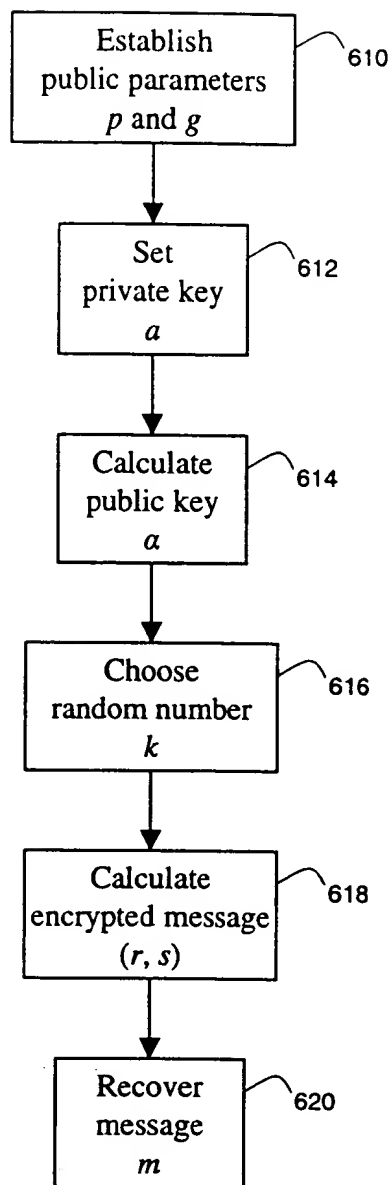


Fig. 6

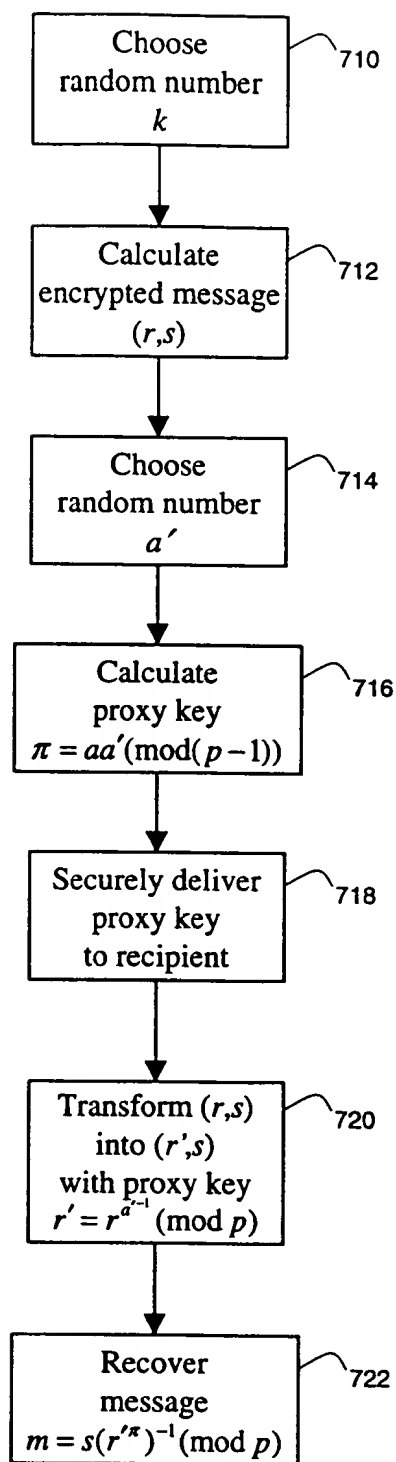


Fig. 7

```

graph TD
    810[Choose random number  $k$ ] --> 812[Calculate encrypted message  $(r, s)$ ]
    812 --> 814[Obtain recipient's private key  $b$ ]
    814 --> 816[Calculate proxy key  $\pi = a^{-1}b \pmod{p-1}$ ]
    816 --> 818[Transform  $(r, s)$  into  $(r, s')$  with proxy key  $s' = s^\pi \pmod{p}$ ]
    818 --> 820[Recover message  $m = r(s'^{b^{-1}})^{-1} \pmod{p}$ ]

```

Fig. 8



5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

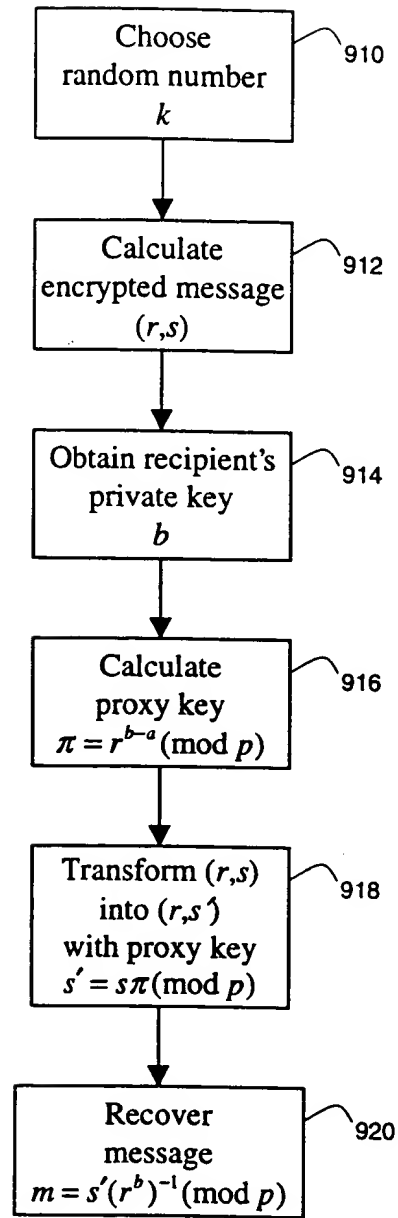


Fig. 9

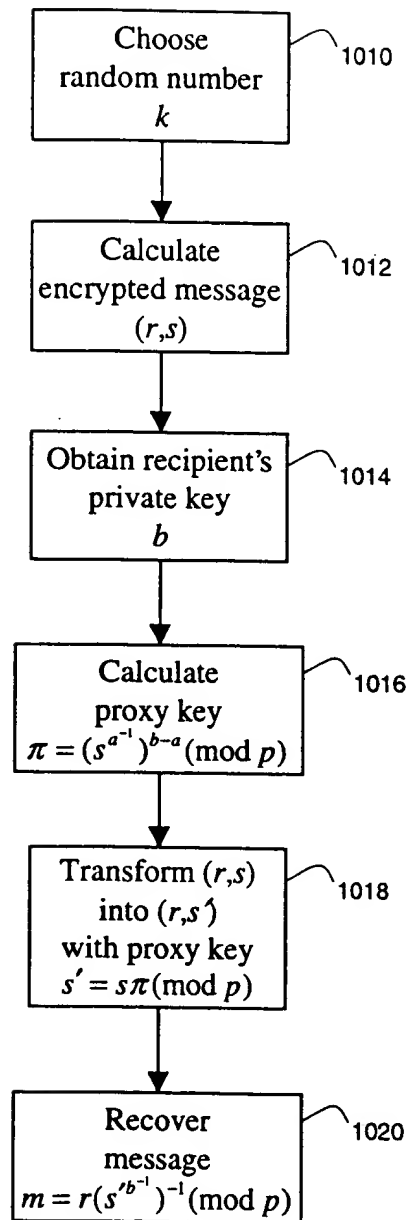


Fig. 10

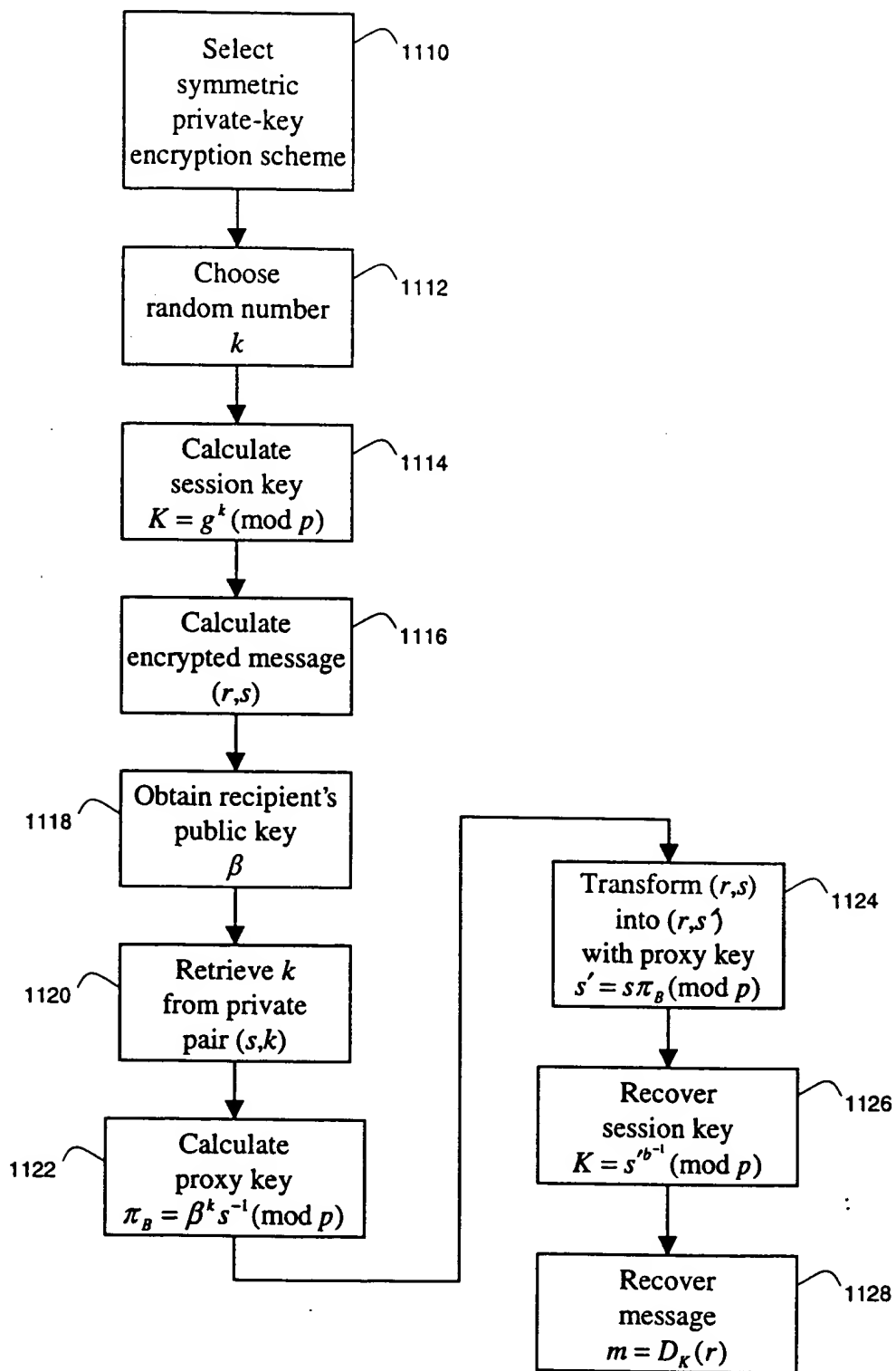


Fig. 11

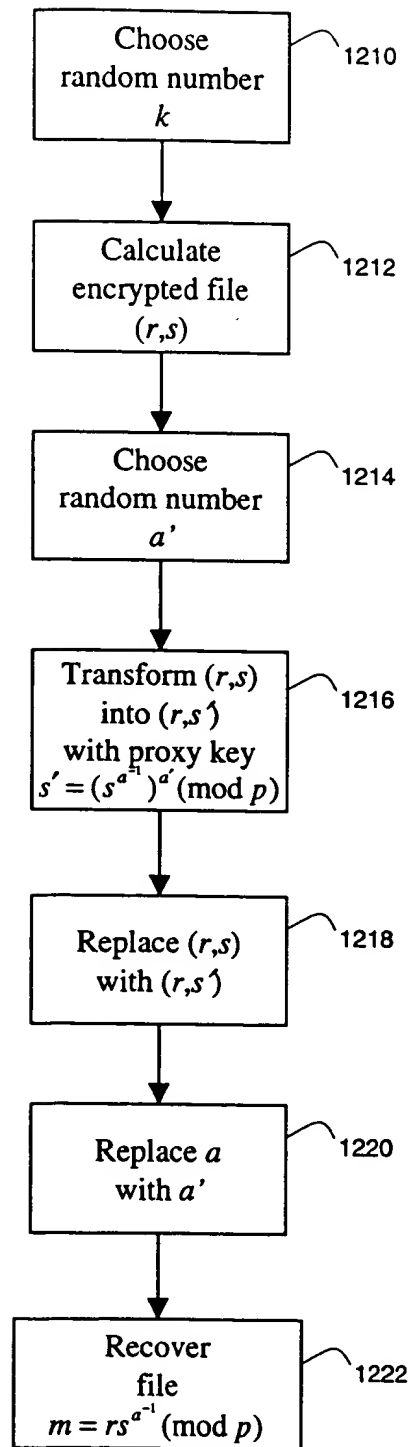


Fig. 12

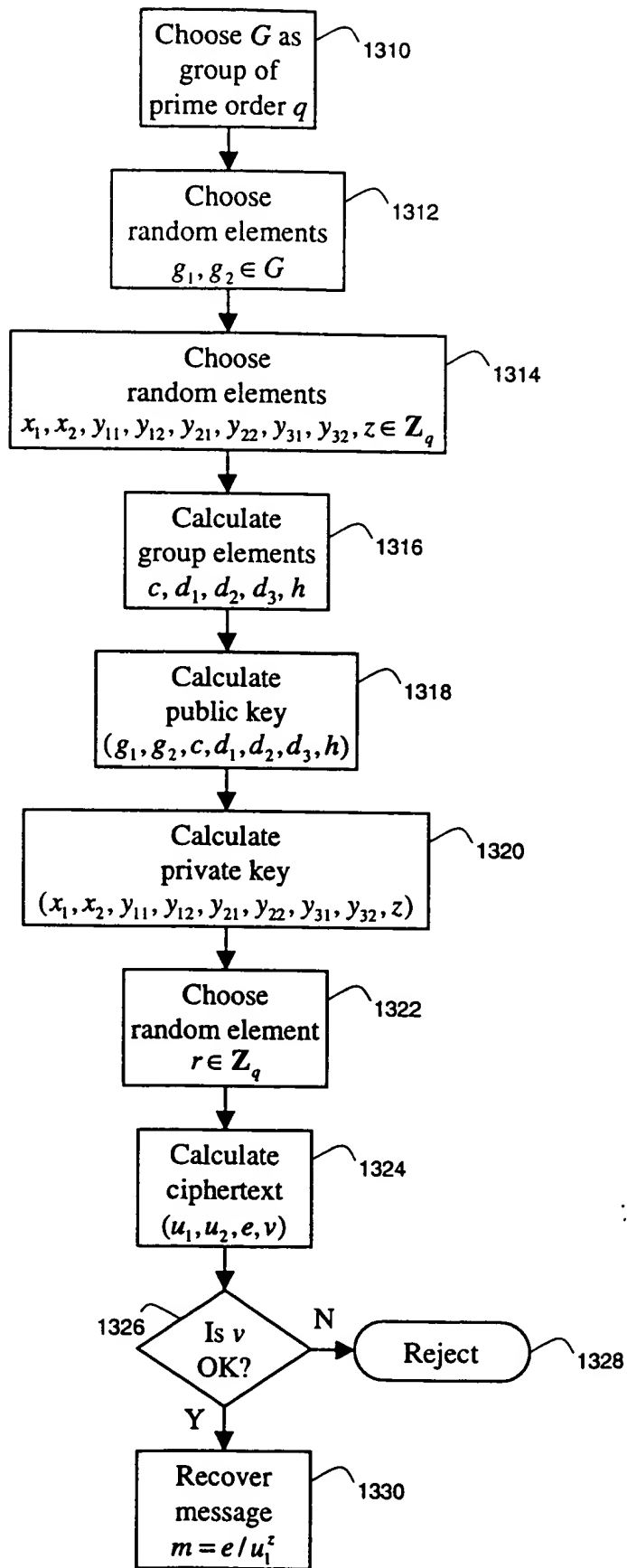


Fig. 13

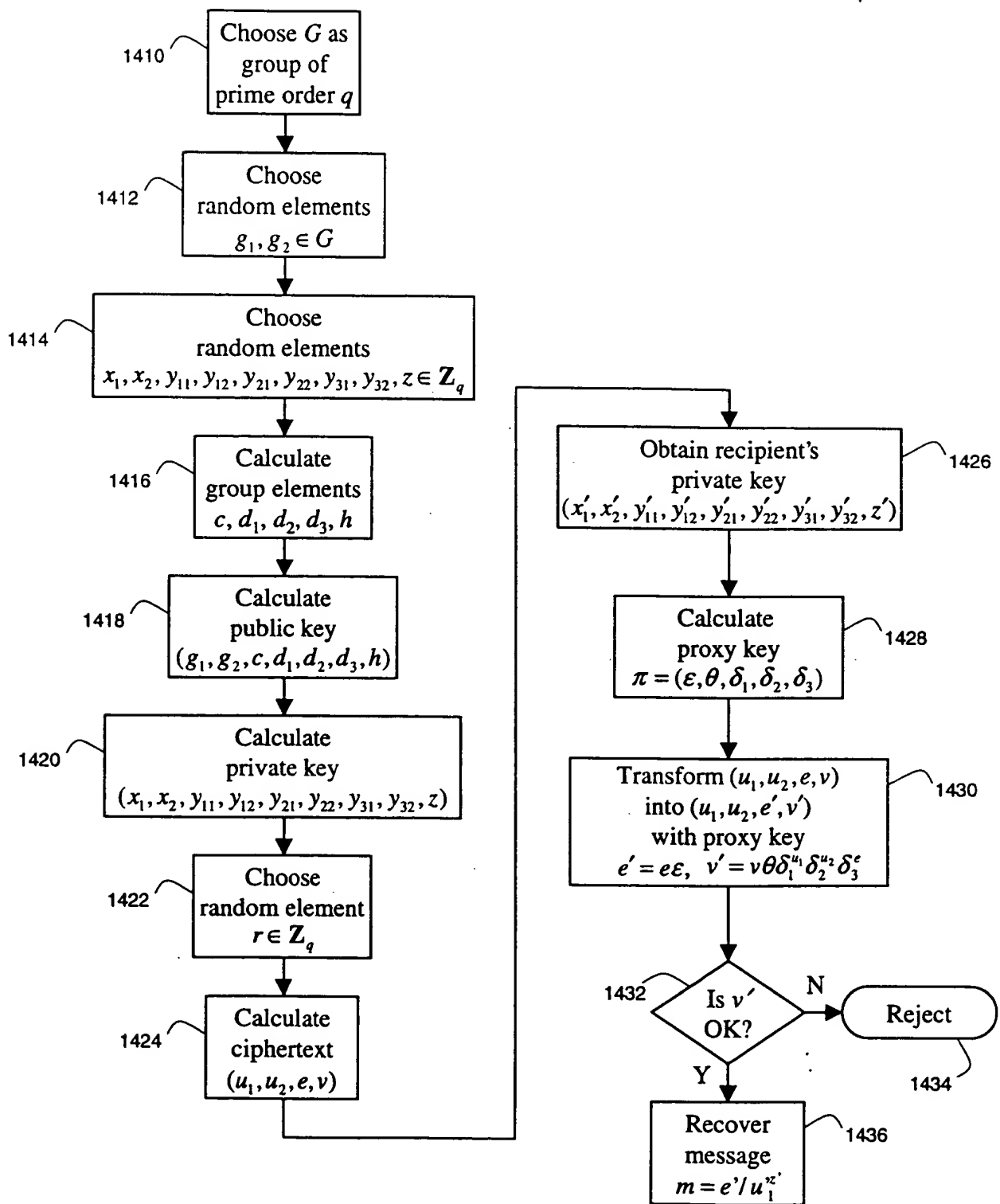


Fig. 14